



Joseph P. Bort MetroCenter
 101 Eighth Street
 Oakland, CA 94607-4700
 TEL 510.817.5700
 TDD/TTY 510.817.5769
 FAX 510.817.7848
 E-MAIL info@mtc.ca.gov
 WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: July 7, 2010

FR: Executive Director

RE: Contract Amendment – Advanced Planning Studies for San Francisco-Oakland Bay Bridge
Eyebar Evaluation: TYLin International

Staff is requesting Committee approval to amend BATA's contract with TYLin International to continue evaluating eye-bars on the existing east span of the San Francisco-Oakland Bay Bridge. While the repair of the broken eye-bar has been completed, work is on-going to finalize studies identifying the root cause of the failure, to continue monitoring the health of the repaired eye-bar, and to develop additional repair strategies should they be needed in the future.

Based on the draft studies, the likely cause of the failure is fatigue caused by high winds inducing vibration in the long diagonal eye-bar chain over the last seventy years. In recognition of those findings, Caltrans has not only repaired the broken eye-bar with internal splices, but also added devices to reduce the wind effect on this and other long diagonal eye-bar chains on the east span along with continued stepped up regular inspection of the eye-bars.

Staff is recommending that TYLin International continue assisting BATA and Caltrans in finalizing the studies on the cause of the eye-bar failure and to work on additional monitoring and rehabilitation strategies with Caltrans based on the results of those studies.

Recommendation

Staff recommends that the Committee authorize the BATA Executive Director or his designee to negotiate and enter into a contract amendment with TYLin International to provide additional design services to BATA for the eye-bar repair on the San Francisco-Oakland Bay Bridge in an amount not to exceed \$1,000,000.

Steve Heminger

AF:pl

J:\COMMITTEE\BATA Oversight\2010\g_July_2010\3_TYLin_Peter_Lee.doc

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Contract Amendment

Work Item No.:	1251
Vendor:	TYLin International, Oakland, CA
Work Project Title:	On Call Design Services – San Francisco Oakland Bay Bridge (SFOBB) Eye-Bar Repair Independent Review and Public Outreach Support
Purpose of Project:	Independent review of Caltrans designed repair of fractured eye-bar on SFOBB, to provide public outreach support, and to provide design support for additional monitoring and eye-bar rehabilitation.
Project Cost Not to Exceed:	This Amendment - \$1,000,000 Current Contract - \$2,700,000
Funding Source:	Toll Bridge Rehabilitation Funds
Fiscal Impact:	Project costs will be paid for with funds programmed and budgeted in the BATA Toll Bridge Rehabilitation Program.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with TYLin International for the independent review of Caltrans designed repair of fractured eye-bar on SFOBB, to provide public outreach support during project, and to provide design support for additional monitoring and eye-bar rehabilitation; and the Chief Financial Officer is directed to set aside funds up to \$1,000,000 for such contract amendment.
BATA Oversight Chair:	<hr/> Bill Dodd
Approved:	Date: July 14, 2010